

Abstract

Optical modifier and method for manufacture thereof

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The present invention relates to an optical modifier, in which single or several wavelength channels are fed into or fed out of transmission and/or receiving elements including, for example, wave guides. In order to fabricate an optical modifier that can intentionally affect one or more wavelength channels, that is inexpensive to manufacture, that allows as low loss as possible feed-in and feed-out of light in the smallest of spaces, and wherein at the same time the optical modifier is easy to calibrate, it is proposed according to the invention that at least one coupling device (20) with a curved surface (8) and a wave-modifying element (19) are provided. Furthermore, the invention relates to a method for manufacturing an optical modifier, wherein the reflecting surface (8) is manufactured as part of a surface of revolution with a cone section as the curve generating the envelope.

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(Figure 6)